BELLSOUTH

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W. W. (Whit) Jordan
Vice President-Federal Regulatory

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October 2, 2001

Ms. Magalie R. Salas
Secretary
Federal Communications Commission
The Portals
445 12th Street, SW
Washington, DC 20554

Re: CC Docket No. 88-2, Phase I - Filing and Review of Open Network Architecture Plans

Dear Ms. Salas:

BellSouth Telecommunications, Inc., ("BellSouth") hereby submits its September 30, 2001, semi-annual reports on state and federal tariffing of ONA services in accordance with the Commission's Memorandum Opinion and Order in Filing and Review of Open Network Architecture Plans, CC Docket No. 88-2, Phase I, released on December 19, 1991. The report is being filed today due to delay in Federal Express delivery.

As directed by the Commission, the attached report includes the following:

(1) Consolidated nationwide matrix of BOC ONA services and state and federal ONA tariffs.

This matrix is provided as Attachment P1 and shows the status of ONA services as of July 1, 2001. The names of the ONA services as titled in particular state and federal tariffs, and the associated tariff references, are included in Attachments P3 and D3.

(2) Computer diskettes and print outs of data regarding state and federal tariffs.

This information is included within the ONA Services User Guide, which is being submitted in response to item (3).

(3) Printed copy and computer diskette of the ONA Services User Guide.

The ONA Services User Guide is provided as follows:

Services Descriptions Section - A paper version is provided as Attachment P2.

Wire Center Deployment Section - A single diskette version is provided as Attachment D2. No paper version is being provided due to the large size of the report.

Tariff Reference Guide Section - A single diskette version is provided as Attachment D3. A paper version of the report, which was produced by running menu option #5, is provided as Attachment P3. Both the diskette version and the paper report reflect tariff approvals through July 1, 2001.

(4) Updated information contained in Appendix A of the January 31, 1991 Cross Reference Guide on ESP requests received and how they were addressed by the BOCs with details and matrices.

An updated version of Appendix A is contained in Attachment P4.

(5) Updated information contained in Appendix B of the January 31, 1991 Cross Reference Guide on BOC responses to the requests and matrix.

An updated version of Appendix B is contained in Attachment P4.

(6) Updated information contained in Appendix C of the January 31, 1991 Cross Reference Guide on services offered by the BOC in response to the requests.

The information previously contained in Appendix C is now contained in Appendix 1 of the Services Descriptions Section of the ONA Services User Guide. The Services Descriptions Section is provided in response to item (3) and contained in this submission as Attachments P2 and D1.

If you have any questions concerning this submission, please contact me on (202) 463-4114.

Sincerely,

W. W. Jordan
Vice President - Federal Regulatory

Attachments
cc: Ann H. Stevens
Qualex

INDEX OF BELLSOUTH ATTACHMENTS

Paper Attachments

P1 – Nationwide Tariff Matrix

P2 – Services Descriptions

P3 – Tariff Reference Guide, Menu Choice 5

P4 – Appendix A & B

Diskette Attachments

D1 – Services Descriptions

D2 – Wire Center Deployment

D3 – Tariff Reference Guide

PAPER ATTACHMENT ONE (P1)

Service Name (Generic)		Ameritech					Bell Atlantic							BellSouth									NYNEX						Pacific		SWBT					Qwest													
(some Region Specific)	Pg	IL	IN	MI	OH	WI	DE	DC	MD	NJ	PA	VA	WV	AL	FL	GA	KY	LA	MS	NC	SC	TN	ME	MA	NH	NY	RI	VT	CA	NV	AR	KS	MO	OK	TX	AZ	CO	ID	IA	MN	MT	NE	NM	ND	OR	SD	UT	WA	WY
555 Access Service	R17																																				A						A		A				
ADSL Service	R82													B	B	B	B	B	B	B	B	B																											
AIN Alternate Routing	R18													D	D	D	D	D	D	D	D	D																											
AIN Single Number Access	R19																		B																														
AIN Term Data Co/Cus Rt	R20													C	C	C	C	C	C		C	C																											
ATM Cell Relay Service	R5																																			AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
Acc To Clr Ch Transmissn	157	BB	BB	BB	BB	BB	B	B	BB	B	BB	B	B	AA	AA	AA	AA	AA	AA	AA	AA	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
Access To OSS Info	158													BD	BD	BD	BD	BD	BD	BD	BD	BD																											
Access to Cust Prem Annc	R80																							B		B																							
Access to Ordr Entry Sys	R81													BD	BD	BD	BD	BD	BD	BD	BD	BD																											
Alternate Routing	44	AA	AA	AA	AA	AA	BB	B	BB	BB	BB	BB	BB	BD	BD	BD	BD	BD	BD	BD	BD	BD	BB	BB	BB	BB	BB	BB	AA	AA	BB	BB	BB	BB	B	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
Answer Supv'n Line Side	46	BB	BB	BB	BB	BB	B	B	BB	B	BB	B	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB							BB	B						BB	BB	BB	BB	BB	B	BB	BB	BB	BB	B	BB	BB	B
Asyn Tran Mode (ATM) Svc	R4													AA	AA	AA	AA	AA	AA	AA	AA	AA																											
Auto Disaster Rec. DID	R21																									D																							
Automatic Callback	48	C	C		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Automatic Protect Swtchg	159	BB	BB	BB	BB	BB	BB	B	BB	BB	BB	BB	BB	BD	BD	BD	BD	BD	BD	BD	BD	BD	BB	B	B	B	B	BB	BB		BB	BB	BB	BB	BB	BB	BB	B	BB	BB	BB	BB	BB	BB		B	B	B	B
Automatic Recall	50	C	C		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Bridging	161	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BD	BD	BD	BD	BD	BD	BD	BD	BD	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
Bridging - Line	R23																						BB	BB	BB	BB	BB	BB																					
C1 TypA - Ckt Sw Line	8	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	A	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
C1 TypB - Ckt Sw Trunk	10	AA	AA	AA	AA	AA	AA	A	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	A	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
C2 TypA - X.25 Pkt Sw	13	AA	AA	AA	AA	AA	A	A	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	A		AA	AA	AA	AA	AA	A	A	A	A	A	A	A	A	A	A	A	A	A	A
C2 TypB - X.75 Pkt Sw	16	AA	AA	AA	AA	AA	A	A	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA		AA	AA	AA	AA	AA	A	A	A	A	A	A	A	A	A	A	A	A	A	A
C3 TypA - Ded Metallic	19						AA	AA	AA	AA	AA	AA	AA										AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	A	A	AA	A	AA	A	A	A	AA	A	AA
C3 TypB - Ded Telegraph	21						AA	AA	AA	AA	AA	AA	AA										AA	AA	AA	AA	AA	AA	AA	AA						AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
C3 TypC - Ded Voice Grd	23	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
C3 TypD - Ded Prgm Audio	25	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
C3 TypE - Ded Video	27	AA	AA	AA	AA	AA	A	A	AA	AA	A	AA	A	AA	A	AA	AA	AA	AA	AA	A	A	A	A	A	AA	A	A	AA	AA	AA	AA	AA	AA	AA	A	A	A	AA	AA	A	A	A	A	A	A	A	A	A
C3 TypF - Ded < 64kbps	29	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
C3 TypG - Ded 1.544Mbps	31	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	A	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	A
C3 TypH - Ded >1.544Mbps	33	AA	AA	AA	AA	AA	A	A	A	A	A	A	A	AA	AA	AA	AA	AA	AA	AA	AA	AA	A	AA	A	AA	A	A	AA	AA	AA	A	A	A	A	AA	AA	A	AA	AA	AA	AA	AA	AA	AA	A	A	AA	A
C3 TypI - Ded Alrt Trnsp	35						A		A		A				A								AA	AA		AA	AA		A	A																			
C3 TypJ - Ded Derived Ch	37													AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA			AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
C3 TypK - Ded 64 kbps	39	AA	AA	AA	AA	AA	A	A	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	BB	BB	BB	BB	BB	BB								AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
C4 - Ded Ntwk Accss Link	41	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA							AA	AA	AA	AA	AA	AA	AA	A	A	A	A	A	A	A	A	AA	A	A	A	A	A
CF Mult Sim Call Intersw	69	C	C		C	C								C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
CF Var Act w/o Crtsy Cal	72	C	C		C	C								C	C	C	C	C	C	C	C	C		C		C			C							C	C			C	C				C			C	
CF Var Remote Act/Cntrol	73	C	C		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C		C		C			C		C	C	C	C	C	C	C	C	C	C	C	C		C	C	C	C	C	C
CF Variable	70	C	C		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C		C	C	C	C	C	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC
CF With Variable Rings	75	C	C		C	C																		C		C																							
CFBL Interswitch	57	C	C		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
CFBL Intraswitch	55	C	C		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
CFBL/DA Cust Act/Deact	59	C	C		C	C								C	C	C	C	C	C	C	C	C		C		C			C							C	C	C	C	C	C	C	C	C	C	C	C	C	C
CFBL/DA Cust Chg Fwd No.	61	C	C		C	C																							C							C	C	C	C	C	C	C	C	C	C	C	C	C	C
CFDA After CW	63	C	C		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C						C	C	C	C	C	C	C	C	C	C	C	C	C	C
CFDA Interswitch	67	C	C		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
CFDA Intraswitch	65	C	C		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
CFDA To DID Intraswitch	R28													C	C	C	C	C	C	C	C	C														C	C	C	C	C	C	C	C	C	C	C	C	C	C
9/30/2001 Update [Page 1]																																																	

Service Name (Generic)		Ameritech					Bell Atlantic							BellSouth								NYNEX						Pacific		SWBT					Qwest																			
(some Region Specific)	Pg	IL	IN	MI	OH	WI	DE	DC	MD	NJ	PA	VA	WV	AL	FL	GA	KY	LA	MS	NC	SC	TN	ME	MA	NH	NY	RI	VT	CA	NV	AR	KS	MO	OK	TX	AZ	CO	ID	IA	MN	MT	NE	NM	ND	OR	SD	UT	WA	WY
Call Denial - Line/Hunt	R24																												BB																						
Call Det Rcdg-NXX Screen	R25																																			B				B		B	B				B	B	
Call Det Recd'g Rpts Pkt	144						B	B	BB	BB	BB	BB	BB										BD	BD	BD	BD	BD	BD			BB	BB	BB	BB	BB															
Call Detail Recrd'g Rpts	53													B	B	B	B	B	B	B	B	B	D	D	D	D	D	D					B		B	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
Call Forwarding Originating	R26	C																																																	
Call Redirect Acceptance	R100	BB	BB	BB	BB	BB																																												
Call Redirection Packet	145	BB	BB	BB	BB	BB	B	B	BB	BB	BB	BB	BB	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BB		BB	BB	BB	BB	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Call Transfer On DID	R29						B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B														B	B	B	B	B	B	B	B		B	B	B	B	B	B
Call Waiting	R30	C	C		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C																					
Call Waiting Cancel	76	C	C		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Calling Name Delivery	R34																																							B		B										
Calling Name ID	R35																																			C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Clid DN Deliv via 900NXX	81	BB	BB	BB	BB	BB	B	B	B	BB	BB	B	B										BB	BB	B	BB	BB	B			AA	AA	AA	AA	A																
Clid DN Deliv via DID	78						BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BD	BD	BD	BD	BD	BD	BB	BB	B	B	B	B	B	B	B	B	BB	B	B	B	B	BB	B	B	B	BB	B
Clid/Cllg Numbr Info-ANI	R33													B	B	B	B	B			B	B																													
Cllg Bllg Num Deliv FG B	82						BB	B	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB							BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
Cllg Bllg Num Deliv FG D	84	BB	BB	BB	BB	BB	BB	B	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	B	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
Cllg DN Deliv via BCLID	177													BB	BB	BB	BB	BB	BB	B	BB	BB														BB	BB	BB	BB	BB	BB	BB	B	BB	B	BB	BB	B	
Cllg DN Deliv via ICLID	87	C			C	C	B	B	B	B		B	B	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C		BB	C	C	C	C	C	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
Closed User Groups Pkt	146	BD	BD	BD	BD	BD	B	B	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BB		BB	BB	BB	BB	BB	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Coin Ph-Post Dial DTMF	91						C	C	C	C	C	C	C	A	A	A	A	A	A	A	A	A	C	C	C	C	C	C			C	C	C	C	C	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Computr Assist Call Xfer	R99	BB	BB	BB	BB	BB																																													
Computr Assist Dialing	R98	BB	BB	BB	BB	BB																																												
Conditioning	163	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BD	BD	BD	BD	BD	BD	BD	BD	BD	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
Coord Voice and Data	R97	BB	BB	BB	BB	BB																																												
Cust Originated Trace	92	C	C		C		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Custom Service Areas	R37													B	B	B	B	B			B	B																													
Cut Off On Disconnect	94						A	A	A	A	A	A	A	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA																							
Cxr Select On Rvrs Charg	89	AA	AA	AA	AA	AA	BB	B	BB	BB	BB	BB	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA	BB	BB	BB	BB	BB	BB	AA	AA						A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
DID Load Across WC	R42																									D																								
DID Trunk Queuing	95						B	B	B	B	B	B	B																BB							BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
DNAL Alarm Service	41	AA	AA	AA	AA	AA																																												
DNAL Amtch Reconfig Svcs	41	AA	AA	AA	AA	AA																																											
DNAL Amtch Sw-Cmputr Apl	41	AA	AA	AA	AA	AA																																											
DNAL Ckt Sw Fac Cntrl	41	AA	AA	AA	AA	AA																																											
DNAL SMDI	41	AA	AA	AA	AA	AA																																											
DNAL SMDI-E	41	AA	AA	AA	AA	AA																																											
DNAL STP Access	41	AA	AA	AA	AA	AA																																											
DS0-B Subrate Multiplxr	R83													BD	BD	BD	BD	BD	BD	BD	BD	BD																													
Data Over Voice (DOV)	164													C	C	C	C	C	C	C	C	C	AA	AA	AA	AA	AA	AA	C		C	C	C	C	C	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
Dataphone Slct A Station	R6																																			AA	AA	A	A	AA	A	AA	A	A	A	A	AA	A	A
Default Window Size-Pkt	R70																						BD	BD	BD	BD	BD	BD								B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Derived Ch (Monitoring)	166	CC	CC	CC	CC	CC	C		C		C				C								AA	AA		AA	AA		C	C						C								C				C	
Dial Call Waiting	R40																																			B	B	B	B	B	B	B	B	B	B	B	B	B	B	
Dialed Num ID/INWATS-DID	R41													BD	BD	BD	BD	BD	BD	BD	BD	BD	BB	BB	BB	BB	BB	BB																						
Digital Data Svc 2-Wire	R7																																			A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Dir Call Pickup w/Barge	R43																																			B	B	B	B	B	B	B	B	B	B	B	B	B		
Dir Call Pickup w/oBarge	R44																																			B	B	B	B	B	B	B	B	B	B	B	B	B		
Direct Call Packet	148	C	C		C	C	C	C	CC	CC	CC	CC	CC	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	CC		CC	CC	CC	CC	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Direct Current (MT3)	R8																																			A	A	A			A	A	A	A	A	A			A
9/30/2001 Update [Page 2]																																																		

Service Name (Generic)		Ameritech					Bell Atlantic							BellSouth									NYNEX						Pacific		SWBT					Qwest																			
(some Region Specific)	Pg	IL	IN	MI	OH	WI	DE	DC	MD	NJ	PA	VA	WV	AL	FL	GA	KY	LA	MS	NC	SC	TN	ME	MA	NH	NY	RI	VT	CA	NV	AR	KS	MO	OK	TX	AZ	CO	ID	IA	MN	MT	NE	NM	ND	OR	SD	UT	WA	WY
Dist Ring Term Screen	99	C	C		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C			C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Distinctive Alert	R45																																		B	B	B	B	B	B	B	B	B	B	B	B				
Distinctive Ringing	96	C	C		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C							C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Extended Superframe Cond	168	BB	BB	BB	BB	BB	A	A	AA	A	A	A	A	AA	AA	AA	AA	AA	AA	AA	AA	AA									BB	BB	BB	BB	BB																	
Fast Select Accept Pkt	149	BB	BB	BB	BB	BB	B	B	B	B	B	B	B	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BB		BB	BB	BB	BB	BB	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Fast Select Request Pkt	150	C	C		C	C								BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BB		BB	BB	BB	BB	BB	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Faster Signaling On DID	101						BB	B	B	B	B	B	B	BB	BB	BB	BB	BB	BB	BB	BB	BB	BD	BD	BD	BD	BD	BD								AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
Flexible ANI	102	BB	BB	BB	BB	BB	B	B	B	B	B	B	B	BB	BB	BB	BB	BB	BB	BB	BB	BB	B	B	B	B	B	B			BB	BB	BB	BB	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Flow Contr Param Neg-Pkt	R71																																		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Frame Relay Service	R9													AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA							AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
High Cap Dig Handoff Svc	R84							B	B	B	B	B																																								
Hot Line	103													C	C	C	C	C	C		C	C	BD	BD	BD	BD	BD	BD	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Hunt Groups Packet	151	BB	BB	BB	BB	BB	B	B	BB	BB	BB	BB	BB	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BB		BB	BB	BB	BB	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Inband Signaling	R85						BB	BB	BB	BB	BB	BB	BB																																							
Incoming Cls Barred-Pkt	R72																						BD	BD	BD	BD	BD	BD								B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Initial Address Message	R95	BB	BB	BB	BB	BB																																													
Logical Chan Layout-Pkt	R74																																		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Logical Channels-Pkt	R73																																		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
MLHG Access to Each Port	111	BB	BB	BB	BB	BB	BB	B	BB	BB	BB	BB	BB	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BB	BB	BB	BB	BB	B	B	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
MLHG CO Announcements	109	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	B	BB	BB	BD	BD	BD	BD	BD	BD	BB		BB	BB	BB	B	B	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
MLHG Overflow	113	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BD	BD	BD	BD	BD	BD	BD	BD	BD	BB	BB	BB	BB	BB	BB	BB							BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
MLHG UCD Line Hunting	115	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BD	BD	BD	BD	BD	BD	B	BD	BD	BD	BD	BD	BD	BD	BD	BB	BB	BB	BB	BB	B	B	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
MLHG UCD With Queuing	117	BB	BB	BB	BB	BB								BB	BB	BB	BB	BB	BB	B	BB	BB	BD	BD	BD	BD	BD	BD	BB		BB	BB	BB	BB	B	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
MWI - Packet Access	153																														BB	BB	BB	BB	BB																	
MWI ATR Audible Msg Wtg	104	C	C		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC
MWI ATR Visual Msg Wtg	106	C	C		C	C								C	C	C	C	C	C	C	C	C							C	C						CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC
MWI Act (Audible) Expand	187	BB	BB	BB	BB	BB																														BB	BB	BB	B	BB	B	BB	BB	B	BB	B	B	BB	B		
MWI Act (Visual) Expand	190	BB	BB	BB	BB	BB																														B	B	B	B	B	B		B	B	B	B	B	B	B		
MWI Activation (Audible)	185	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	B	B	B	B	B	B	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
MWI Activation (Visual)	189	BB	BB	BB	BB	BB								B	B	B	B	B	B	B	B	B							BB	B						BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
MWI Audible/Visual	104	C	C		C	C																													C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Make Busy Key	179	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BB	BB	BB	BB	BB	B	B	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
McCulloh Loop (LS2)	R10																																		AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
IDSL Service	R11																																		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
DSL Service	R12																																		AA	AA	AA	AA	AA	AA	AA	A	AA	AA	AA	AA	AA	AA	AA	AA
Menu Acs Trans - Gateway	152																																												B						
Menu Server-Pkt	R75																														DD	DD	DD	DD	DD																	
Message Desk (SMDI)	181	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	B	B	B	B	B	B	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
Modem Aggregation Svc	R13																																		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Monthly Call Detail Rec	R48													B	B	B	B	B			B	B																														
Mplx-T1-1.544Mbps-Line	R49																																		BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
Mplx-T1-1.544Mbps-Trunk	R50																						B	BD	B	BD	B	B																								
Mssg Desk Expand (SMDIE)	183	BB	BB	BB	BB	BB								BB	BB	BB	BB	BB	BB	BB	BB	BB												B	BB	BB	BB		BB	B	BB	BB	B	BB	B	B	BB	B		
Mult Ntwk Addr/Port-Pkt	R76						B	B	BB	BB	BB	BB	BB										BD	BD	BD	BD	BD	BD								B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Multiline Hunt Group	107	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BD	BD	BD	BD	BD	BD	BD	BD	BD	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	B	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
Multiplexing-Digital	R87	BB	BB	BB	BB	BB	B	B	B	B	B	B	B	BD	BD	BD	BD	BD	BD	BD	BD	BD	B	BB	B	BB	B	B			BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
Name of Calling Party	119		C				C		C	C		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C		C																								
Network Reconfiguration	192	BB	BB	BB	BB	BB	B	B	B	B	B	B	B	BD	BD	BD	BD	BD	BD	BD	BD	BD	BB	BB	BB	BB	BB	BB	BB		BB	BB	BB	BB	BB	BB	B	B	BB	BB	B	BB	B	BB	BB	B	B	BB	B
Order Entry Service	R94																																							B		B										
Outgoing Cls Barred-Pkt	R77																						BD	BD	BD	BD	BD	BD								B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Perm Virtual Ckt-Pkt	R78																						BD	BD	BD	BD	BD	BD								B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
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Service Name (Generic)		Ameritech					Bell Atlantic							BellSouth									NYNEX						Pacific		SWBT					Qwest																
(some Region Specific)	Pg	IL	IN	MI	OH	WI	DE	DC	MD	NJ	PA	VA	WV	AL	FL	GA	KY	LA	MS	NC	SC	TN	ME	MA	NH	NY	RI	VT	CA	NV	AR	KS	MO	OK	TX	AZ	CO	ID	IA	MN	MT	NE	NM	ND	OR	SD	UT	WA	WY
Preselect for Data Svcs	154						B	B	B	B	B	B	B	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BB		CC	CC	CC	CC	C																
Privacy +	R53																																		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Priority Service Install	R52													BD	BD	BD	BD	BD	BD	BD	BD	BD																													
Redirecting Name Deliv	R54																																																B	
Redirecting Num Deliv	R55																																		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Remote Access Service	R14													AA	AA	AA	AA	AA	AA	AA	AA	AA																													
Remote Call Forwarding	R56						C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C							B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Rev Bllg On Ckt Acc	121													B	B	B	B	B			B	B																													
Rev Chg Req Optn-Pkt	R79																						BD	BD	BD	BD	BD	BD							B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Reverse Chg Accept Pkt	155	BB	BB	BB	BB	BB	B	B	BB	BB	BB	BB	BB	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BB		BB	BB	BB	BB	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Route Diversity	169	BB	BB	BB	BB	BB								BD	BD	BD	BD	BD	BD	BD	BD	BD	BB	BB	BB	BB	BB	BB			BB	BB	BB	BB	BB																
Secondary Ch Capability	170	BB	BB	BB	BB	BB	BB	B	B	BB	BB	B	B	BD	BD	BD	BD	BD	BD	BD	BD	BD	BB	BB	BB	BB	BB	BB	BB		BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
Selective Call Forward'g	122						C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C							C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Selective Call Rejection	125	C	C		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C							C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Shared Speed Calling	128																												C							C	C	C	C	C	C	C	C	C	C	C	C	C	C
Single Num Acc-Mult Locn	130													C	C	C	C	C	C	C	C	C																													
Speed Calling	132	C	C		C	C	C	C	C	C	C		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Surrogate Client Number	R60													BB	BB	BB	BB	BB	BB	B	BB	BB																													
Svc Code Denial Ln/Hunt	R58																												BB																						
Switched 56 Kilobit Svc	R61						AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	A																						
Tandem Routing	134	BB	BB	BB	BB	BB			B	B	B	B	B	BB	BB	BB	BB	BB	BB	B	BB	BB	AA	AA	AA	AA	AA	AA	AA	AA																					
Third Numb Bill Inhibitd	R63														D		D	D	D												C	C	C	C	C															
Three Way Call Transfer	136	BB	BB	BB	BB	BB	B	BB	BB	BB	BB	B	BB	BD	BD	BD	BD	BD	BD	BD	BD	BD	B	B	B	B	B	B	BB	B						BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
Three Way Calling	R64						BB	BB	BB	BB	BB	BB	BB	C	C	C	C	C	C	C	C	C	BB	BB	BB	BB	BB	BB							BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
Traffic Data Reports	R66													B	B	B	B	B	B	B	B	B	BB	BB	BB	BB	BB	BB							BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
Trans Imprv-Ckt Sw Svcs	R67																																		B	B			B	B	B	B	B	B	B	B	B	B	B
Trunk Side Access Facil	R15													A	A	A	A	A			A	A																													
Unif 7D Acc Num Overlay	140													BB	BB	BB	BB	BB	BB	B	BB	BB	BB	BB	BB	BB	BB	BB																						
Unif 7D Acc Num RCF	138						B				B																																								
Unif Acc Numb-Bus Lines	R68													B	B	B	B	B			B	B																													
User Initd Diagnostics	R90													BD	BD	BD	BD	BD	BD	BD	BD	BD																													
Ver Intgrty Subscr Lines	173	BD	BD	BD	BD	BD																	AA	AA		AA	AA		BB	BB						C							C				C		
Video DT Messaging Port	R102									B		B																																						
Video Dialtone Access Lk	R16									A		A																																						
Video Dialtone Bdcst Svc	R101									B		B																																						
Video Dialtone Narrowcas	R103									B		B																																						
Versanet	R91																																			C	C	C	C		C	C				C				
Warm Line	141	C	C		C	C								C	C	C	C	C	C		C	C	BD	BD	BD	BD	BD	BD	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
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Page numbers are based on 7/31/2001 release of the ONA Services User Guide.
Page numbers preceded by R are in Appendix 1 of the ONA Services User Guide, which contains Region Specific services.

Abbreviations: A=BSA
B=BSE
C=CNS
D=BSE/CNS

Under each state abbreviation, the left column contains FCC tariff information and the right column contains state tariff information. Please note - recently, various BOCs have completed, or are in the process of completing, corporate mergers. For this document, the old company names will continue to be used (for example, Bell Atlantic and NYNEX are listed separately, rather than being combined under the Verizon name; Southwestern Bell and Pacific Bell and Ameritech are listed separately).

ABBREVIATIONS

Generic Name of Service Abbreviated Name	Generic Name of Service Full Name
555 Access Service	555 Access Service
ADSL Service	ADSL Service
AIN Alternate Routing	Advanced Intelligent Network Alternate Routing
AIN Single Number Access	AIN Single Number Access
AIN Term Data Co/Cus Rt	AIN Terminating Data Collection/Customized Routing
ATM Cell Relay Service	ATM Cell Relay Service
Acc To Clr Ch Transmissn	Access To Clear Channel Transmission
Access To OSS Info	Access To Operations Support Systems Information
Access to Cust Prem Annc	Access To Customer Premises Announcement
Access to Ordr Entry Sys	Access To Order Entry System
Alternate Routing	Alternate Routing
Answer Supv'n Line Side	Answer Supervision With A Line Side Interface
Asyn Tran Mode (ATM) Svc	Asynchronous Transfer Mode (ATM) Service
Auto Disaster Rec. DID	Automatic Disaster Recovery of DID
Automatic Callback	Automatic Callback
Automatic Protect Swtchg	Automatic Protection Switching
Automatic Recall	Automatic Recall
Bridging	Bridging
Bridging - Line	Bridging - Line
C1 TypA - Ckt Sw Line	Category 1, Type A - Circuit Switched Line BSA
C1 TypB - Ckt Sw Trunk	Category 1, Type B - Circuit Switched Trunk BSA
C2 TypA - X.25 Pkt Sw	Category 2, Type A - X.25 Packet Switched BSA
C2 TypB - X.75 Pkt Sw	Category 2, Type B - X.75 Packet Switched BSA
C3 TypA - Ded Metallic	Category 3, Type A - Dedicated Metallic BSA
C3 TypB - Ded Telegraph	Category 3, Type B - Dedicated Telegraph BSA
C3 TypC - Ded Voice Grd	Category 3, Type C - Dedicated Voice Grade BSA
C3 TypD - Ded Prgm Audio	Category 3, Type D - Dedicated Program Audio BSA
C3 TypE - Ded Video	Category 3, Type E - Dedicated Video BSA
C3 TypF - Ded < 64kbps	Category 3, Type F - Dedicated Digital (<64kbps)BSA
C3 TypG - Ded 1.544Mbps	Category 3, Type G - Dedicated High Capacity Digital (1.544 Mbps) BSA
C3 TypH - Ded >1.544Mbps	Category 3, Type H - Dedicated High Capacity Digital (>1.544 Mbps) BSA
C3 TypI - Ded Alrt Trnsp	Category 3, Type I - Dedicated Alert Transport BSA
C3 TypJ - Ded Derived Ch	Category 3, Type J - Dedicated Derived Channel BSA
C3 TypK - Ded 64 kbps	Category 3, Type K - Dedicated Digital (64 kbps) BSA
C4 - Ded Ntwk Accss Link	Category 4 - Dedicated Network Access Link BSA
CF Mult Sim Call Intersw	Call Forwarding - Multiple Simultaneous Calls Interswitch
CF Var Act w/o Crtsy Cal	Call Forwarding - Variable - Activation Without Courtesy Call
CF Var Remote Act/Cntrol	Call Forwarding - Variable-Remote Activation/Control
CF Variable	Call Forwarding - Variable
CF With Variable Rings	Call Forwarding With Variable Rings
CFBL Interswitch	Call Forwarding - Busy Line Interswitch
CFBL Intraswitch	Call Forwarding - Busy Line Intraswitch
CFBL/DA Cust Act/Deact	Call Forwarding - Busy Line or Don't Answer - Customer Control of Activation/Deactivation
CFBL/DA Cust Chg Fwd No.	Call Forwarding - Busy Line or Don't Answer - Customer Control of Forward-To Number
CFDA After CW	Call Forwarding Don't Answer After Call Waiting

ABBREVIATIONS

Generic Name of Service Abbreviated Name	Generic Name of Service Full Name
CFDA Interswitch	Call Forwarding - Don't Answer Interswitch
CFDA Intraswitch	Call Forwarding - Don't Answer Intraswitch
CFDA To DID Intraswitch	Call Forwarding Don't Answer To DID Intraswitch
Call Denial - Line/Hunt	Call Denial On Line Or Hunt Group
Call Det Rcdg-NXX Screen	Call Detail Recording Reports - via NXX Screening
Call Det Recd'g Rpts Pkt	Call Detail Recording Reports (Packet)
Call Detail Recrd'g Rpts	Call Detail Recording Reports
Call Forwarding Originating	Call Forwarding Originating
Call Redirect Acceptance	Call Redirection Acceptance
Call Redirection Packet	Call Redirection - Packet
Call Transfer On DID	Call Transfer On DID
Call Waiting	Call Waiting
Call Waiting Cancel	Call Waiting - Cancel
Calling Name Delivery	Calling Name Delivery
Calling Name ID	Calling Name Identification
Clld DN Deliv via 900NXX	Called Directory Number Delivery via 900NXX
Clld DN Deliv via DID	Called Directory Number Delivery via DID
Clld/Cllg Numbr Info-ANI	Called/Calling Number Information - ANI
Cllg Bllg Num Deliv FG B	Calling Billing Number Delivery - FG B Protocol
Cllg Bllg Num Deliv FG D	Calling Billing Number Delivery - FG D Protocol
Cllg DN Deliv via BCLID	Calling Directory Number Delivery - via BCLID
Cllg DN Deliv via ICLID	Calling Directory Number Delivery - via ICLID
Closed User Groups Pkt	Closed User Groups - Packet
Coin Ph-Post Dial DTMF	Coin Phone With Post Dialing Tone Capability
Computr Assist Call Xfer	Computer Assisted Call Transfer Acceptance
Computr Assist Dialing	Computer Assisted Dialing Acceptance
Conditioning	Conditioning
Coord Voice and Data	Coordinated Voice and Data Acceptance
Cust Originated Trace	Customer Originated Trace
Custom Service Areas	Custom Service Areas
Cut Off On Disconnect	Cut Off On Disconnect
Cxr Select On Rvrs Charg	Carrier Selection On Reverse Charge
DID Load Across WC	DID Load Across Wire Centers
DID Trunk Queuing	DID Trunk Queuing
DNAL Alarm Service	Ameritech - DNAL - Type F - Alarm Service
DNAL Amtch Reconfig Svcs	Ameritech - DNAL - Type E - Ameritech Reconfiguration Service
DNAL Amtch Sw-Cmputr Apl	Ameritech - DNAL - Type G - Ameritech Switch to Computer Applications (ASCAI)
DNAL Ckt Sw Fac Cntrl	Ameritech - DNAL - Type B - Circuit Switch Facility Control
DNAL SMDI	Ameritech - DNAL - Type C - Simplified Message Desk Interface (SMDI)
DNAL SMDI-E	Ameritech - DNAL - Type D - Simplified Message Desk Interface-Expanded (SMDI-E)
DNAL STP Access	Ameritech - DNAL - Type A - Signal Transfer Point Access (STP)
DS0-B Subrate Multiplxr	DS0-B Subrate Multiplexing Service
Data Over Voice (DOV)	Data Over Voice (DOV) Service
Dataphone Slct A Station	Dataphone Select A Station
Default Window Size-Pkt	Default Window Size - Packet

ABBREVIATIONS

Generic Name of Service Abbreviated Name	Generic Name of Service Full Name
Derived Ch (Monitoring)	Derived Channels (Monitoring)
Dial Call Waiting	Dial Call Waiting
Dialed Num ID/INWATS-DID	Dialed Number Identification via INWATS to DID
Digital Data Service 2-Wire	Digital Data Service 2-Wire
Dir Call Pickup w/Barge	Directed Call Pickup With Barge-In
Dir Call Pickup w/oBarge	Directed Call Pickup Without Barge-In
Direct Call Packet	Direct Call - Packet
Direct Current (MT3)	Direct Current (MT3)
Dist Ring Term Screen	Distinctive Ringing - Terminating Screening
Distinctive Alert	Distinctive Alert
Distinctive Ringing	Distinctive Ringing
DSL Service	Qwest Digital Subscriber Line Service
Extended Superframe Cond	Extended Superframe Conditioning
Fast Select Accept Pkt	Fast Select Acceptance - Packet
Fast Select Request Pkt	Fast Select Request - Packet
Faster Signaling On DID	Faster Signaling On DID
Flexible ANI	Flexible ANI Information Digits
Flow Contr Param Neg-Pkt	Flow Control Parameter Negotiation - Packet
Frame Relay Service	Frame Relay Service
High Cap Dig Handoff Svc	High Capacity Digital Hand-Off Service
Hot Line	Hot Line
Hunt Groups Packet	Hunt Groups - Packet
Inband Signaling	Inband Signaling
Incoming Cls Barred-Pkt	Incoming Calls Barred - Packet
Initial Address Message	Initial Address Message
IDSL Service	Qwest ISDN Digital Subscriber Line Service
Logical Chan Layout-Pkt	Logical Channel Layout - Packet
Logical Channels-Pkt	Logical Channels - Packet
MLHG Access to Each Port	Multiline Hunt Group - Individual Access To Each Port In Hunt Group
MLHG CO Announcements	Multiline Hunt Group - C.O. Announcements
MLHG Overflow	Multiline Hunt Group - Overflow
MLHG UCD Line Hunting	Multiline Hunt Group - Uniform Call Distribution Line Hunting
MLHG UCD With Queuing	Multiline Hunt Group - UCD With Queuing
MWI - Packet Access	Message Waiting Indicator - Packet Access
MWI ATR Audible Msg Wtg	Message Waiting Indicator (MWI) - Ability To Receive Audible Message Waiting
MWI ATR Visual Msg Wtg	Message Waiting Indicator (MWI) - Ability To Receive Visual Message Waiting
MWI Act (Audible) Expand	Message Waiting Indicator Activation(Audible) - Expanded
MWI Act (Visual) Expand	Message Waiting Indicator Activation(Visual) - Expanded
MWI Activation (Audible)	Message Waiting Indicator - Activation (Audible)
MWI Activation (Visual)	Message Waiting Indicator - Activation (Visual)
MWI Audible/Visual	Message Waiting Indicator - Audible/Visual
Make Busy Key	Make Busy Key
McCulloh Loop (LS2)	McCulloh Loop (LS2)
Menu Acs Trans - Gateway	Menu Access Translator - Gateway
Menu Server-Pkt	Menu Server - Packet
Message Desk (SMDI)	Message Desk (SMDI)
Modem Aggregation Svc	Modem Aggregation Service
Monthly Call Detail Rec	Monthly Call Detail Recording

ABBREVIATIONS

Generic Name of Service Abbreviated Name	Generic Name of Service Full Name
Mplx-T1-1.544Mbps-Line	Multiplexing - T1 Transport - 1.544 Mbps-Line Side
Mplx-T1-1.544Mbps-Trunk	Multiplexing - T1 Transport - 1.544 Mbps-Trunk Side
Mssg Desk Expand (SMDIE)	Message Desk (SMDI) - Expanded
Mult Ntwk Addr/Port-Pkt	Multiple Network Address/Port - Packet
Multiline Hunt Group	Multiline Hunt Group
Multiplexing-Digital	Multiplexing - Digital
Name of Calling Party	Delivery of Calling Party Name
Network Reconfiguration	Network Reconfiguration
Order Entry Service	Order Entry Service
Outgoing Cls Barred-Pkt	Outgoing Calls Barred - Packet
Perm Virtual Ckt-Pkt	Permanent Virtual Circuit - Packet
Preselect for Data Svcs	Preselection for Data Services
Privacy +	Privacy + (Plus)
Redirecting Name Deliv	Redirecting Name Delivery
Redirecting Num Deliv	Redirecting Number Delivery
Priority Service Install	Priority Installation Service
Remote Access Service	Remote Access Service
Remote Call Forwarding	Remote Call Forwarding
Rev Bllg On Ckt Acc	Reverse Billing On Circuit Switched Access
Rev Chg Req Optn-Pkt	Reverse Charge Request Option (Packet)
Reverse Chg Accept Pkt	Reverse Change Acceptance - Packet
Route Diversity	Route Diversity
Secondary Ch Capability	Secondary Channel Capability
Selective Call Forward'g	Selective Call Forwarding
Selective Call Rejection	Selective Call Rejection
Shared Speed Calling	Shared Speed Calling
Single Num Acc-Mult Locn	Single Number Access for Multiple Locations
Speed Calling	Speed Calling
Surrogate Client Number	Surrogate Client Number
Svc Code Denial Ln/Hunt	Service Code Denial On Line Or Hunt Group
Switched 56 Kilobit Svc	Switched 56 Kilobit Service
Tandem Routing	Tandem Routing
Third Numb Bill Inhibitd	Third Number Billing Inhibited
Three Way Call Transfer	Three Way Call Transfer
Three Way Calling	Three Way Calling
Traffic Data Reports	Traffic Data Reports
Trans Imprv-Ckt Sw Svcs	Transmission Improvement for Circuit Switched Services
Trunk Side Access Facil	Trunk Side Access Facility
Unif 7D Acc Num Overlay	Uniform 7 Digit Access Number via Overlay Networking
Unif 7D Acc Num RCF	Uniform 7 Digit Access Number - Remote Call Forwarding
Unif Acc Numb-Bus Lines	Uniform Access Numbers for Business Lines
User Initd Diagnostics	User Initiated Diagnostics
Ver Intgrty Subscr Lines	Verify Integrity of Subscriber Lines
Video DT Messaging Port	Video Dialtone Messaging Port
Video Dialtone Access Lk	Video Dialtone Access Link
Video Dialtone Bdcst Svc	Video Dialtone Broadcast Service
Video Dialtone Narrowcas	Video Dialtone Narrowcast Service
Versanet	Versanet
Warm Line	Warm Line

PAPER ATTACHMENT TWO (P2)

BELL OPERATING COMPANIES

Service Descriptions

ONA Services User Guide

July 31, 2001

ONA Services

Names, Descriptions, Cross References

FOREWORD

Attached is the Services Descriptions section of the ONA Services User Guide, an update of information that was previously issued on January 31, 2001.

The Services Descriptions section of the ONA Services User Guide represents an agreement on the part of the BOCs for uniform names and technical descriptions of the Basic Serving Arrangements (BSAs), Basic Service Elements (BSEs) and Complementary Network Services (CNSs) that relate to the ESP requests included in BOC ONA Special Report Number 1, Issue 2 (October 1987). That Special Report is a compilation of the 118 requests received by all the BOCs during the input process for ESP requests prior to filing of the 2/1/88 ONA Plans. Some items, marked with an asterisk (*) in their titles, have been deleted after the last issue of the report based on the availability of updated information indicating that they cannot be offered. For each service listed, a table is provided that gives an indication of which BOCs plan to offer the service, the individual BOC's product name, and whether the BOC classifies the service as a BSA, BSE or CNS.

The BSAs, which respond to the 118 ESP requests for ONA services, are listed in the following four categories of Basic Serving Arrangements:

- Circuit Switched Serving Arrangements

  A circuit switched basic serving arrangement (BSA) provides an enhanced service provider (ESP) with a connection to the circuit switched network.

- Packet Switched Serving Arrangements

  A packet switched BSA provides an ESP with a connection to the packet switched network.

- Dedicated Serving Arrangements

A dedicated BSA provides an ESP with a dedicated point-to-point connection through the network.

- Dedicated Network Access Link Serving Arrangements

  A dedicated network access link (DNAL) BSA provides a dedicated data channel between the ESP's termination and a designated central office which contains the specific features required by the ESP. The DNAL is used to transmit control information from the ESP to the network or to deliver information from the network to the ESP.

Following the BSAs are the BSEs and CNSs, which are listed in alphabetical order in the above four BSA categories. These BSEs and CNSs respond to the 118 ESP requests for ONA services that were made to all BOCs. A description of each BSE or CNS is provided, which includes a brief technical description and a table listing the product name for each company that offers the service.

Appendix 1 contains a set of descriptions of ONA services that are offered by one or more BOC in response to requests received independent of the 118 ESP requests received by all BOCs. Included is a technical description and a table with the product name for each company that offers the service.

Appendix 2 contains a list of BOC contacts.

Appendix 3 contains the BSA Matrix, a report that shows the relationship between the BSAs and the BSEs included in the ONA Services User Guide. Included is a table showing the generic name for each BSA, and the specific name used by each company offering the BSA. Also included is a set of tables, one for each BSA, listing which BSEs are associated with the BSA for each company. These matrices only include generic BSAs and BSEs, and do not include the CNSs or any region specific services.

This report does not supersede any information provided in the BOC ONA plans and amendments. All capabilities described are not available in all switching or transmission systems. Generic descriptions of BSAs do not imply that applicable generic functions and capabilities are available or compatible with all types of BSAs. In addition, generic descriptions are intended for informational purposes and their existence does not imply that specific products and/or services are necessarily tariffed and/or available in any or all state/ federal jurisdictions within a particular company's service area. The BSAs, BSEs and CNSs identified in this report cannot be ordered until appropriate tariffs are effective. Some ONA services may not be tariffed in all areas. The reader should refer to the individual BOC ONA plans and amendments or the BOC contacts listed in Appendix 2 to this report for information on BOC availability and deployment plans for the technical capabilities described in this report.

References to switching system generics that have not yet been released by the vendors are based on our current information about which features are planned for inclusion in those generic releases. If the vendors change the availability of any features for future generic releases that are referenced in this document, the availability of some services may be affected.

Technical references that are publicly available are listed for each service, where available. Ordering information for each of the technical references may be found in the *Telcordia Technologies Catalog of Technical Information* (including ordering information for reference documents published by individual regional companies). To order, call 1-800-521-2673 toll free from anywhere in the USA; call (732) 699-5800 for foreign calls; fax (732) 336-2559.

Recently, various BOCs have completed, or are in the process of completing, corporate mergers. For this document, the old company names will continue to be used (for example, Bell Atlantic and NYNEX are listed separately, rather than being combined under the Verizon name; Southwestern Bell and Pacific Bell and Ameritech are listed separately).

Questions on this report should be directed to the BOC contacts listed in Appendix 2 to this report.

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BSA Descriptions

BSAs have been arranged into four categories:

1. Circuit Switched
2. Packet Switched
3. Dedicated
4. Dedicated Network Access Link

Each category may have several types. Following are descriptions of the BSA categories and the associated BSA types.

1. Category 1 - Circuit Switched BSA

A circuit switched basic serving arrangement (BSA) provides an enhanced service provider (ESP) with a connection to the circuit switched network. This BSA is capable of supporting analog signals of approximately 300 to 3000 Hz or a circuit switched digital interface with a call type of digital encoded voice, 3.1 kHz or 7 kHz audio, 56 kbps or 64 kbps data transmission. This BSA may also transmit voice grade analog data. The transmission interface may be 2-wire or 4-wire, or derived from a variety of multiplexing alternatives (for example, Digital Signal (DS) level 0 from DS level 1, or DS1 from DS3).

This BSA may support one-way or two-way directionality. Calls are set up and taken down on a call by call basis. The transport/usage element could be intra-office or inter-office.

Route diversity may be available with this serving arrangement.

1.1 Category 1, Type A - Circuit Switched Line BSA (1039)

Service Description

A circuit switched line BSA provides an ESP with a line side connection to the circuit switched network.

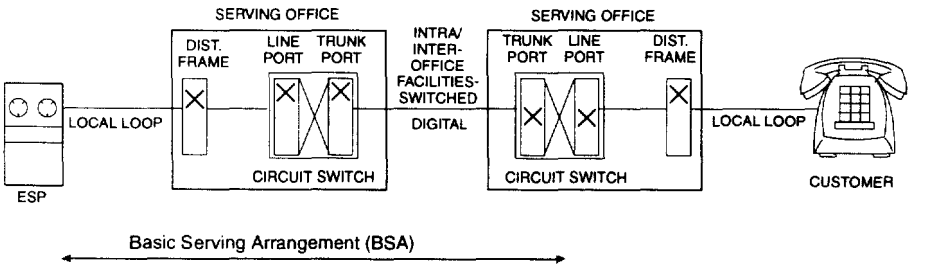
This line side connection could include alternative types of network connection, address and supervisory in-band or out-of-band signaling. Examples of network connections are standard telephone line or a line side type connection (e.g., PBX service). This BSA may support one-way or two-way directionality on a 2-wire or 4-wire transmission interface.

Calls are set up and taken down on a call by call basis. The calling scope may include, for example, an entire Local Access and Transport Area (LATA), a market area or be limited to all or part of a metropolitan area. Directory numbers are assigned from the North American Numbering Plan without any special routing or other use of the number.

Generic Name of BSA	Regional Company BSA Name
Category 1, Type A - Circuit Switched Line BSA*	AM - Circuit Switched Line
	BA - Business Individual Line
	BA - Line Side BSA
	BS - Voice Grade - Line - Circuit Switched
	NX - Circuit Switched - Line
	PB - Access Line Arrangement
	SWB - Circuit Switched - Line Side Basic Serving Arrangement (BSA-A)
	Qwest - Voice Grade - Line - Circuit Switched

* Based on the Federal Communications Commission (FCC) CC Docket 89-79 Order dated July 11, 1991, there will be a new line side BSA on FCC approval of tariffs submitted November 1, 1991.

Voice Grade – Line – Circuit Switched — BSA



Alternatives

An alternative is an item that must be selected for the BSA to be technically meaningful. Alternative items may be available from some or all of the Local Exchange Carriers (LECs). Refer to the individual LEC tariff reference diskette for the reference information where LEC defined alternatives may be found. Examples of potential alternatives may be: Service Code Denial and Uniform Call Distribution.

Signaling

Signaling arrangements extend line circuit or signaling circuit alerting information on metallic or fiber facilities from one customer premises location to another customer premises location. The signaling arrangement can be terminated on trunk-like or line side interfaces of the LEC switch. Examples of address signaling on an analog interface are dial pulse or dual tone multifrequency (DTMF) with supervisory signaling of loop start or ground start. A digital interface will offer address and supervisory signaling via an out-of-band standardized protocol.

Transmission

The subject of transmission covers a broad range of performance considerations related to the physical facilities that compose network architecture. Transmission parameters are designed to provide objective transmission performance characteristics, as perceived by the end user and LEC, between the points of termination. Transmission parameters are defined for each Network Interface (see below) supporting this BSA. These parameters are defined in the reference documentation.

Network Interfaces

The electrical and physical interface with the LEC is described by a Network Channel Interface (NCI) code for each end user termination and each service provider termination. NCI codes are provided to aid the user in understanding the relationship of the network interface to the electrical or optical characteristics of the interface. NCI codes have four basic components: (1) number of conductors (wire or fibers), (2) protocol code, (3) nominal reference impedance code, and (4) any applicable protocol options.

References

- GR-334 Switched Access Service: Transmission Parameter Limits and Interface Combinations, Issue 1, June 1994
- Qwest's document 77316 Pacific Northwest Bell's Addendum to Voice Grade Switched Access Service TR-NPL-000334, April 1986.

1.2 Category 1, Type B - Circuit Switched Trunk BSA (1040)

Service Description

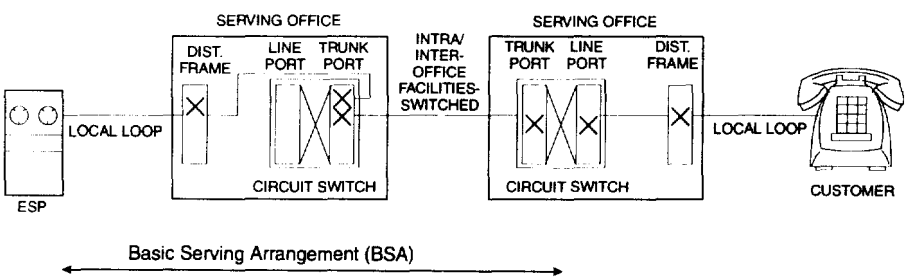
A circuit switched trunk BSA provides an enhanced service provider (ESP) with a trunk side connection to the circuit switched network.

Various types of network connections, address signaling and supervisory signaling are available. An example of network connections to the serving office may be direct trunk or a tandem connection. Calls are set up and taken down on a call-by-call basis. Different access arrangements, based on the North American Numbering Plan, are available from the Local Exchange Carriers (LEC). This BSA may support one-way or two-way directionality.

Generic Name of BSA	Regional Company BSA Name
Category 1, Type B - Circuit Switched Trunk BSA	AM - Circuit Switched Trunk BA - Trunkside BSA - 950 Option BA - Trunkside BSA - 10XXX Option BS - Circuit Switched Trunk - Voice Grade NX - Circuit Switched Trunk PB - Access Trunk Arrangement (950) PB - Access Trunk Arrangement (10XXX) SWB - Circuit Switched - Trunk Side Alternative B Basic Serving Arrangement (BSA-B) SWB - Circuit Switched - Trunk Side Alternative D Basic Serving Arrangement (BSA-D) Qwest - Voice Grade - Trunk - Circuit Switched

Alternatives

Voice Grade – Trunk – Circuit Switched — BSA



An alternative is an item that must be selected for the BSA to be technically meaningful. Alternative items may be available from some or all of the LECs. Refer to the individual LEC tariff reference diskette for the reference information where LEC defined alternatives may be found. Examples of potential alternatives may be: Service Class Routing, Dial Pulse Address Signaling, and Cut Through.

Signaling

Signaling arrangements extend trunk circuit or signaling circuit alerting information on metallic or fiber facilities from one customer premises location to another customer premises location. These signals are the means by which the end user initiates a request for service, holds a connection or releases a connection. The signaling arrangements can be terminated on line-like or trunk side interfaces of the LEC switch. Examples of point-of-termination supervisory signaling arrangements that may be ordered are Multi-Frequency (in-band), Signaling System 7 (SS7) (out of band), reverse battery and E&M.

Transmission

The subject of transmission covers a broad range of performance considerations related to the physical facilities that compose network architecture. Transmission parameters are designed to provide objective transmission performance characteristics, as perceived by the end user and LEC, between the points of termination. Transmission parameters are defined for each Network Interface (see below) supporting this BSA. These parameters are defined in the reference documentation.

Network Interfaces

The electrical and physical interface with the LEC is described by a Network Channel Interface (NCI) code for each end user termination and each service provider termination. NCI codes are provided to aid the user in understanding the relationship of the network interface to the electrical or optical characteristics of the interface. NCI codes have four basic components: (1) number of conductors (wire or fibers), (2) protocol code, (3) nominal reference impedance code, and (4) any applicable protocol options.

References

- GR-334 Switched Access Service: Transmission Parameter Limits and Interface Combinations, Issue 1, June 1994
- GR-698 LSSGR: Feature Group B FSD 20-24-0300, Issue 1, June 2000 (replaces TR-TSY-000698 Issue 1 and Revision 1 – no technical changes)
- LSSGR FR-64 (formerly FR-NWT-000064), GR-690, FSD 20-24-0000, Exchange Access Interconnection, Issue 1, March 1991, Issue 2, September 1995, Revision 01, October 1996
- TR-NPL-000258 Compatibility Information for Feature Group D Switched Access Service, Issue 1, October 1985.
- SR-NPL-001321 Connection Setup Time for Feature Group D and Terminating Feature Group B, Special Report, Issue 1, February 1989.
- Ameritech reference: AM TR-TMO-000094 Switched Access Service Feature Group D, August 1992. (Written as a companion document to GR-334, Switched Access Service: Transmission Parameter Limits and Interface Combinations.)

References for SS7

- GR-905 Common Channel Signaling Network Interface Specification (CCSNIS) Supporting Network Interconnection, Message Transfer Part (MTP), and ISDN User Part (ISDNUP), Issue 4 - December 2000 (replaces TR-TSV-000905, Issue 3)

- GR-394 LSSGR: Switching System Generic Requirements for Interexchange Carrier Interconnection (ICI) Using the Integrated Services Digital Network User Part (ISDNUP) (A module of LSSGR FR-64), Issue 4 - November 2000

References for Signaling Arrangements

- TA-NPL-000912 Compatibility Information for Telephone Exchange Service, Issue 1, February 1989.
- SR-2275 Telcordia Notes on the Networks, Issue 4, October 2000 (replaces SR-TSV-02275, Issue 3)

2. Category 2 - Packet Switched Basic Serving Arrangement

A packet switched BSA provides an ESP with a connection to the packet switched network via virtual and permanent virtual circuit connections. This BSA is capable of supporting analog or digital signals of various transmission rates. The transmission interface may be 2-wire or 4-wire, or derived from a variety of multiplexing alternatives (for example, Digital Signal (DS) level 0 from DS level 1, or DS1 from DS3).

2.1 Category 2, Type A - X.25 Packet Switched BSA (1001)

Service Description

The Type A Packet Switched BSA provides an ESP with X.25 or X.31 access to the BOC packet switching network via virtual and permanent virtual circuit connections. This interface conforms to Recommendations X.25 and X.31 of the International Telecommunication Union-Telecommunication Standardization Sector (ITU-TS) (formerly the International Telegraph and Telephone Consultative Committee [CCITT]).

X.25 includes physical, link and packet level procedures. At the physical level, data signaling rates of 1.2, 2.4, 4.8, 9.6 and 56 kbps are supported. The link level protocol supported at the interface is Link Access Protocol Balanced (LAPB). The main functions of the link level protocol are to ensure that the packets cross the Data Terminal Equipment/Data Communications Equipment (DTE/DCE) interface essentially error free and reach their destination in a correctly transmitted sequence. The network level access protocol provides the procedures required to set up, maintain and clear virtual calls. X.31 defines the recommended procedures for using Q.931 protocol to establish digital customer premises equipment (CPE) calls to a packet network in accordance with defined bearer services.

Generic Name of BSA	Regional Company BSA Name
Category 2, Type A - X.25 Packet Switched BSA	AM - Packet Switched Network Service (X.25) BA - Public Data Network: X.25 BS - PulseLink® Packet Switching - X.25 NX - INFOPATH® Packet Switching Service PB - Public Packet Switching (X.25) SWB - Packet Switched - MicroLink II℠ (X.25 Version) Qwest - Packet Switching (X.25)

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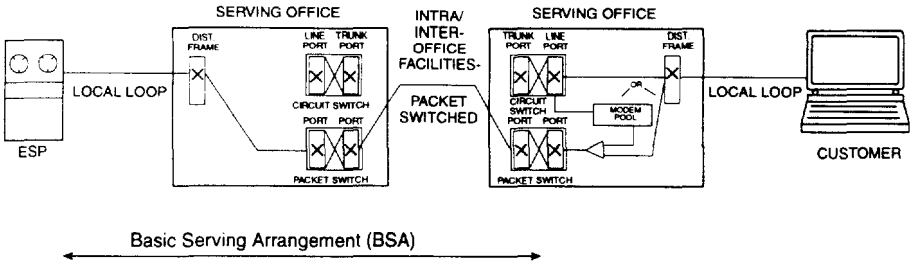

Alternatives

An alternative is an item that must be selected for the BSA to be technically meaningful. Alternative items may be available from some or all of the Local Exchange Carriers (LECs). Refer to the individual LEC tariff reference diskette for the reference information where LEC defined alternatives may be found. Examples of potential alternatives may be: Logical Channel, Flow Control Parameters, and Multiple Network Addresses.

Signaling

Signaling arrangements extend alerting information on metallic or fiber facilities from one customer premises location to another customer premises location. Dial (circuit-switched) access provides low- to moderate-throughput Public Packet Switched Network (PPSN) access through the voice telephone network. With dial-in access, a customer terminal and modem are attached to the Public Switched Telephone Network (PSTN) loop. The customer dials a North American Numbering Plan (NANP) address and the PSTN routes the call to a PPSN dial-up port. The PPSN answers the call with a modem supporting one of several modem protocols.

With dial-out access, a call is routed to a PPSN interface supporting dial-out service. At this interface, the access concentrator obtains the NANP address and uses the ITU-TS (formerly CCITT) V.25 calling procedures to instruct the PPSN modem to establish a physical connection with the customer via the PSTN.

Dedicated (nonswitched) access provides the customer with continuously available interfaces to the PPSN.

Transmission

The subject of transmission covers a broad range of performance considerations related to the physical facilities that compose network architecture. Transmission parameters are designed to provide objective transmission performance characteristics, as perceived by the end user and LEC, between the points of termination. Transmission parameters are defined for each Network Interface (see below) supporting this BSA. These parameters are defined in the reference documentation.

Network Interfaces

The electrical and physical interface with the LEC is described by a Network Channel Interface (NCI) code for each end user termination and each service provider termination. NCI codes are provided to aid the user in understanding the relationship of the network interface to the electrical or optical characteristics of the interface. NCI codes have four basic components: (1) number of conductors (wire or fibers), (2) protocol code, (3) nominal reference impedance code, and (4) any applicable protocol options.

References

- GR-301 Public Packet Switched Network Generic Requirements (PPSNGR) (replaces TR-TSY-301, Issue 2), Issue 2, December 1997

- TR-NPL-000011 Asynchronous Terminal and Host Interface Reference, Issue 1, March 1985
- Ameritech TR-NPL-000001 Public Packet Services Technical Interface Specifications, Issue 2, September 1988
- Ameritech TR-NPL-000002 Technical Interface Specifications for X.25 Service, Issue 2, May 1988
- Ameritech TR-NPL-000003 Technical Interface Specifications for Asynchronous Service, Issue 2, May 1988
- Ameritech TR-NPL-000007 Digital Service Interface Specifications, Type 1, Issue B, December 1988
- Bell Atlantic TR 72211 Interface Specification For The Bell Atlantic Public Data Network, Issue C, December 1991
- BellSouth TR-73513 PulseLink® X.25 Interface Specification, Issue A, June 1987
- BellSouth TR-73516 PulseLink® Physical Interface Specification, Issue C, September 1991
- NYNEX NTR-74250 INFOPATH® Packet Switching Service X.25 Interface Specification, Issue 2, January 1988
- NYNEX NTR-74252 INFOPATH® Packet Switching Service Asynchronous Interface Specification, Issue 2, January 1988
- Pacific Bell PUB L-780060-PB Public Packet Switching (PPS) - Technical Interface Specification, Issue 1, August 1989
- Southwestern Bell Telephone Technical Publication TP 76800, MicroLink II℠ X.25/X.75 Reference, Issue 4, September 1994
- Qwest USWTR 77359 DIGIPAC® Service Interface Specifications For Public Packet Switching Network, Issue E, May 1994

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2.2 Category 2, Type B - X.75 Packet Switched BSA (1002)

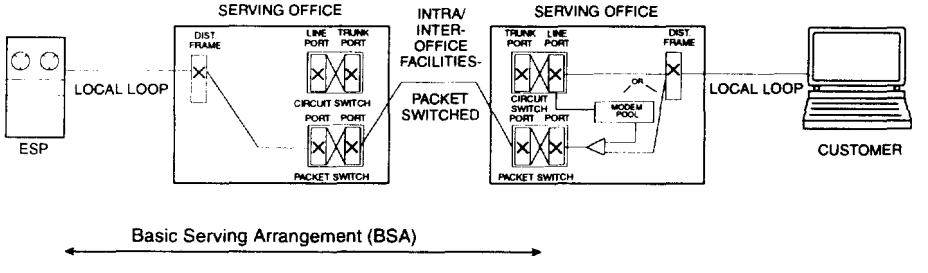
Service Description

The Type B Packet Switched BSA provides an ESP with X.75 access to the BOC packet switching network. The X.75 interface conforms to Recommendation X.75 of the International Telecommunication Union-Telecommunication Standardization Sector (ITU-TS) (formerly the International Telegraph and Telephone Consultative Committee [CCITT]).

X.75 includes physical, link and packet level procedures. At the physical level data signaling rates of 9.6 kbps are supported over analog or digital facilities. Speeds of 56 kbps are supported over digital facilities only. The link level protocol supported at the interface is Link Access Protocol Balanced (LAPB). The main functions of the link level protocol are to ensure that the packets cross the network interface essentially error free and reach their destination in a correctly transmitted sequence. The network level access protocol provides the procedures required to set up, maintain and clear virtual calls.

Generic Name of BSA	Regional Company BSA Name
Category 2, Type B - X.75 Packet Switched BSA	AM - Packet Switched Network Service (X.75) BA - Public Data Network: X.75 BS - PulseLink® Packet Switching - X.75 NX - INFOPATH® Packet Switching Service PB - Public Packet Switching (X.75) SWB - Packet Switched - MicroLink II℠ (X.75 Version) Qwest - Packet Switching (X.75)

Packet Switching BSA



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